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Table I

. !	Hydrophilic surface, film broken up and incorporated into the cement	OK	ω	Bevaloid 9	Water-soluble maleic acid/ methacrylic acid copolymer
	<pre>Floury appearance, powdery film, hydrophilic behavior</pre>	OK	ω	Rhodoline 226/35	Water-soluble acrylic acid/ methacrylic acid copolymer MW 3500
	Uniform appearance, hydrophobic but discontinuous film	OK	ω	Bevaloid 6857	Amphiphilic water- soluble butyl acrylate/ styrene/ methacrylic acid terpolymer
+ +	Uniform, attractive appearance, hydrophobic film	OK	1	Bevaloid 6857	Amphiphilic water- soluble butyl acrylate/ styrene/ methacrylic acid terpolymer
+ + +	Attractive film appearance - glossy, homogeneous, highly hydrophobic and stable under aging	ОЖ	ω	Geropon T36	Amphiphilic water- soluble maleic anhydride/ isobutylene copolymer according to the invention
+ + +	Attractive film appearance - glossy, homogeneous, highly hydrophobic and stable under aging	OK	1 .	Geropon T36	Amphiphilic water- soluble maleic anhydride/ isobutylene copolymer according to the invention
	Poorly formed film breaks up on aging	OK	0	1	Control
Rating	The mixtures and the control latex are deposited by spraying them on the fresh cement molding Observation of the film after 24 hours and after aging for 24 days, under ambient laboratory conditions	Compatibility and stability of the latex/additive mixture	% addition (dry/dry) of the additive in the latex emulsion	Brand name of the additives tested (Rhodia products)	Nature of the additives added to the commercial latex Duramul

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Rating	1.	++				
The mixtures and the control latex are deposited by spraying them on the fresh cement molding Observation of the film after 24 hours and after aging for 24 days, under ambient laboratory conditions	Not tested, as emulsion unstable	Uniform, attractive appearance, hydrophobic film	,	Very good	Positive, but insufficient	Poor, negative
Compatibility and stability of the latex/additive mixture	Gelling	OK		++++	++*	•
<pre>% addition (dry/dry) of the additive in the latex emulsion</pre>	3	1			Rating	
Brand name of the additives tested (Rhodia products)	Sopronyl AR 40			.= .		
Nature of the additives added to the commercial latex Duramul	Acrylic acid/ methacrylic acid copolymer of 10 000 Mw	Adipic acid				

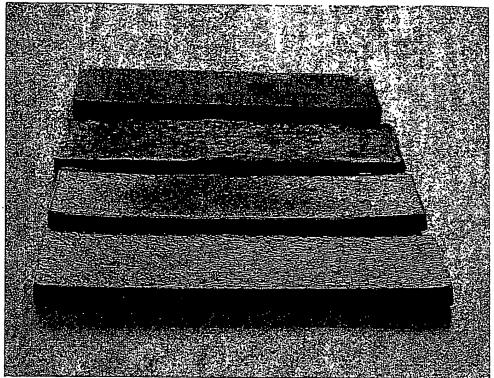


Figure 1

Appearance of the cement test pieces after aging for 5 months at ambient temperature and humidity

Test piece 1 (at the top): control, uncoated test piece

Test piece 2 coated with just the latex (line 1 of Table I, page 1/3)

Test piece 3 coated with the latex/polymer mixture not according to the invention (line 4 of Table I, page 1/3)

Test piece 4 coated with the latex/polymer mixture according to the invention (line 2 of Table I, page 1/3)